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DRAWINGS – NINE (9) SHEETS

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Applicant(s):

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Title:

BROADCASTING APPARATUS AND METHOD FOR
PRE-TRANSMITTING DATA CAROUSEL AND
RECEIVING APPARATUS FOR RECEIVING DATA
CAROUSEL

Attorney's
Docket No.:

NAK1-BO52

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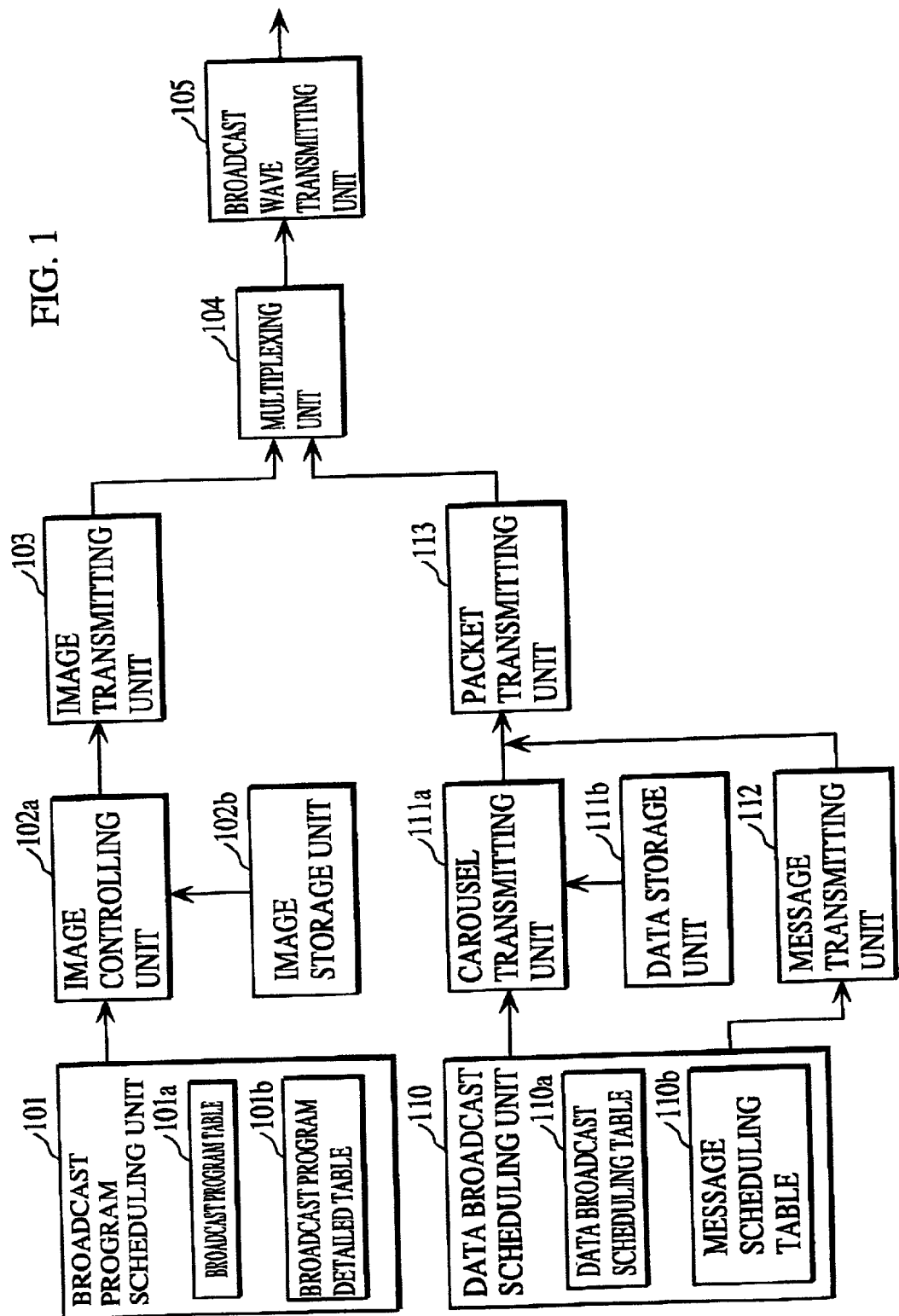


FIG. 1

FIG. 2

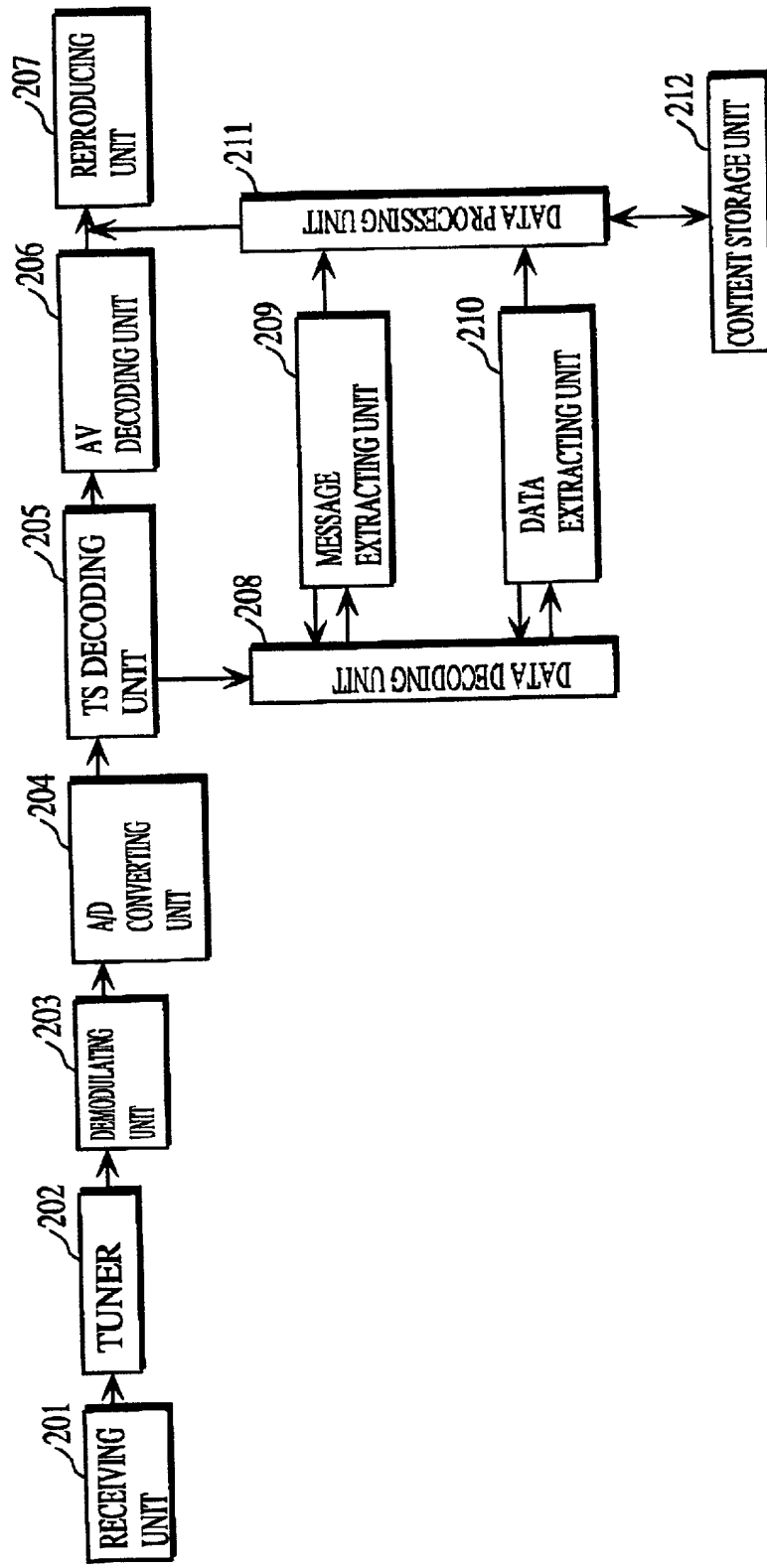


FIG. 3 BROADCAST PROGRAM TABLE 101a

BROADCASTING DATE	CHANNEL CODE	PROGRAM START TIME	PROGRAM END TIME	PROGRAM MANAGEMENT CODE	PROGRAM TITLE	PROGRAM ADDITIONAL DATA FLAG
1999/1/1	10	8 : 00	9 : 00	1001	PROGRAM A	OFF
		9 : 00	9 : 30	1002	PROGRAM B	OFF
		9 : 30	10 : 00	1003	PROGRAM C	OFF
		10 : 00	11 : 00	1004	PROGRAM D	ON
		11 : 00	12 : 00	1005	PROGRAM E	ON
		:	:	:	:	:
		:	:	:	:	:
	11	6 : 00	7 : 00	1101	PROGRAM A	OFF
		:	:	:	:	:

FIG. 4 BROADCAST PROGRAM DETAILED TABLE 101b

BROAD-CASTING DATE	CHANNEL CODE	PROGRAM MANAGEMENT CODE	TRANSMISSION START TIME	TRANSMISSION END TIME	VIDEO MATERIAL MANAGEMENT CODE	AUDIO MATERIAL MANAGEMENT CODE	COMMERCIAL MATERIAL MANAGEMENT CODE	PROGRAM ADDITIONAL DATA FLAG
1999/1/1	10	1004	10:00	11:00	V1000	A1000		ON
		1005	11:00	11:15	V1001	A1001		OFF
			11:15	11:20			C1001	ON
			11:20	11:30	V1002	A1002		OFF
			11:30	12:00	V1003	A1003		OFF
		:	:	:	:	:	:	:
		:	:	:	:	:	:	:
		:	:	:	:	:	:	:
	11							

FIG. 5

DATA BROADCAST SCHEDULING TABLE 110a

BROAD- CASTING DATE	CHANNEL CODE	PROGRAM MANAGEMENT CODE	TRANSMISSION START TIME	TRANSMISSION END TIME	DATA BROADCAST CONTENT MANAGEMENT CODE
1999/1/1	10	1004	9 : 55	11 : 00	D1000
		1005	11 : 10	11 : 20	D1001
		:	:	:	:
	11	:	:	:	:
		:	:	:	:

FIG. 6

MESSAGE SCHEDULING TABLE 110b

BROADCASTING DATE	CHANNEL CODE	PROGRAM MANAGEMENT CODE	TRANSMISSION START TIME	TRANSMISSION END TIME	TRANSMISSION INTERVAL (SEC)	MESSAGE
1999/1/1	10	1004	9 : 55	10 : 00	5	CACHE MESSAGE
			10 : 00	10 : 00	0	DISPLAY SWITCH MESSAGE
			11 : 00	11 : 00	0	DISPLAY SWITCH MESSAGE
		1005	11 : 10	11 : 15	5	CACHE MESSAGE
			11 : 15	11 : 15	0	DISPLAY SWITCH MESSAGE
			11 : 20	11 : 20	0	DISPLAY SWITCH MESSAGE
	11	:	:	:	:	:
			:	:	:	:
			:	:	:	:
			:	:	:	:

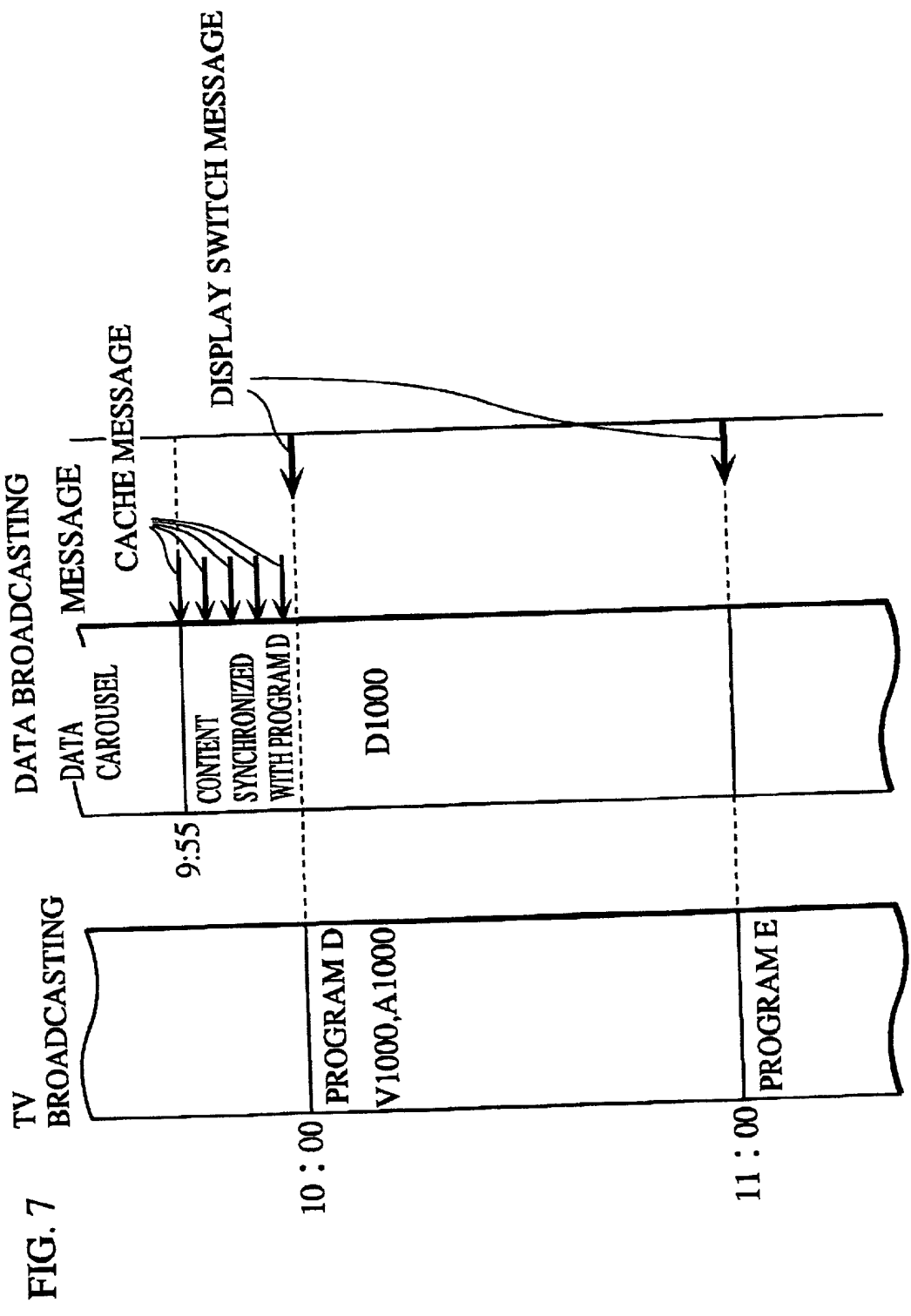


FIG. 7 TV BROADCASTING

FIG. 7 TV BROADCASTING

FIG. 8 TV BROADCASTING

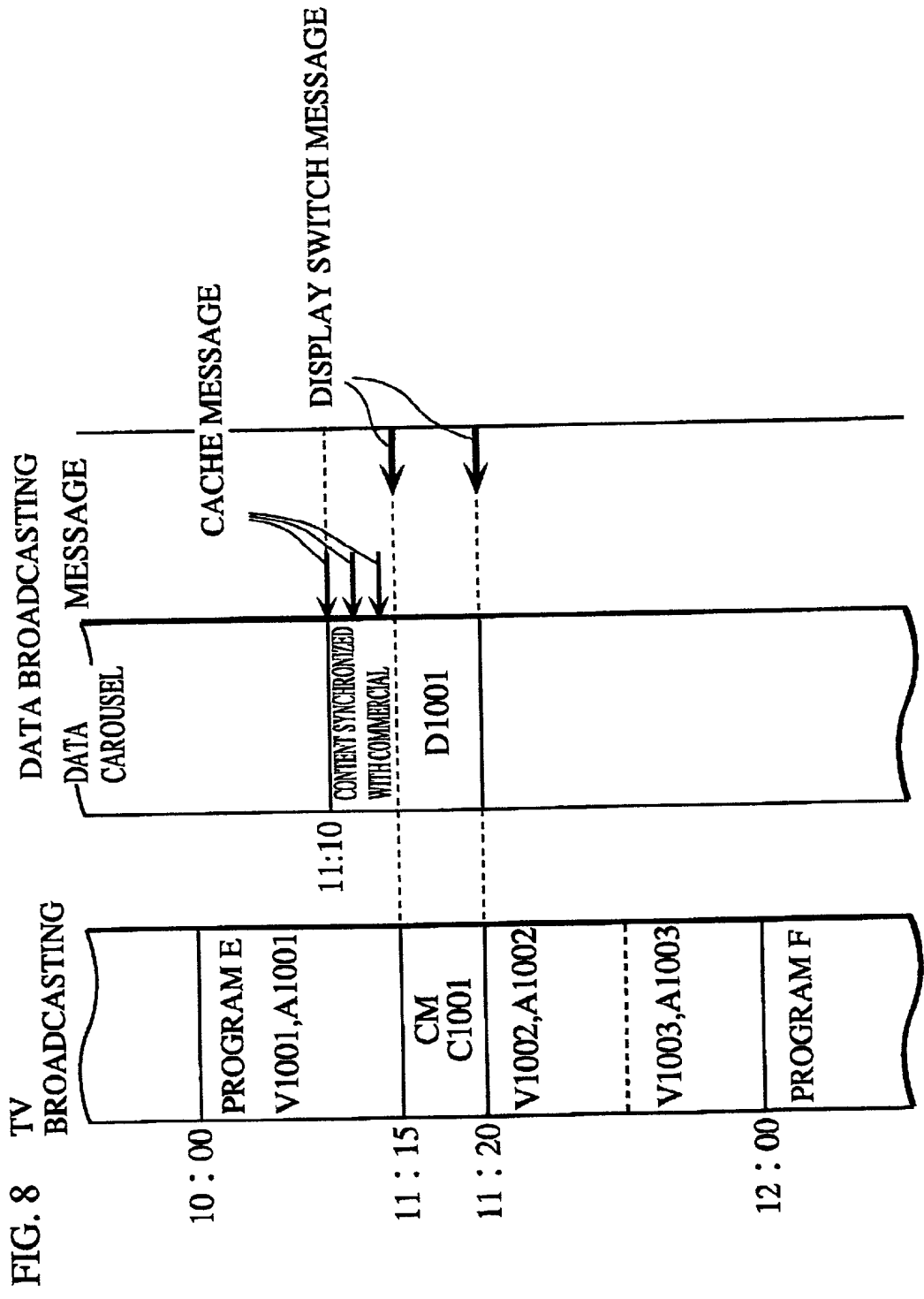


FIG. 9A

FIG. 9A

